



## **UK priority species pages – Version 2**

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**SPECIES PAGES FOR 2007 UK BAP PRIORITY SPECIES**

(see endnotes for an explanation of the various components of this compilation).

**Clubiona rosserae Locket, 1953**

**Rosser's Sac-spider**

**1 General information**

Level 1	Terrestrial invertebrates
Level 2	spider
On 1997 UK BAP list	Species Action Plan

**2 UK BAP criteria<sup>i</sup>**

1. International threat	2. International responsibility (2a) + moderate decline in UK (2b)	3. Marked decline in the UK	4. Other important factor(s)
False	False	True	True

**3 Evidence for Criteria<sup>ii</sup>**

Criterion 1	
Criterion 2a	
Criterion 2b	
Criterion 3	75% decline over 25 years, 1951-1986 and 1987-2000
Criterion 4	For a species on the current Priority List, factors that caused the original decline are still operating or the species' population has not recovered to a point where it is likely to be viable in the long term

**4 Distribution by Country**

England	Scotland	Wales	Northern Ireland	International Waters
Y	N	N	N	

**5 Distribution Information**

Distribution data source	Stage 1 information, BAP 2005 reporting and NBN Gateway
Distribution data notes	
number of sites (where less than or equal to 10)	2
Units used for number of sites	10km squares

**6 Actions identified by experts<sup>iii</sup>**

Action number	Action text	Reporting category
1	This is an existing BAP species known only from 2 sites, with the most recent records from Chippenham Fen in 1996 and Lakenheath Fen RSPB Reserve in 2000. The old Tuddenham Fen record has been shown to have been a misidentification (E. Duffey, pers. comm.). Despite considerable survey effort and specific searches at known and other potential sites no further records have been made. Survey work at the known sites and exploration elsewhere as part of more general recording in wetlands is needed.	Species-specific monitoring/survey
2	The two known sites need to be maintained in appropriate condition.	Species-specific management action
3	Wider countryside measures to maintain wetland habitats are likely to benefit this species. Abstraction, drainage, climate change, inappropriate management for fenland invertebrates etc are all potential threats to this and other wetland dependent species.	Wider "landscape" action
4	This species could be part of an integrated fen HAP.	Species-specific management action

**8 Additional information from specialists<sup>iv</sup>**

Attribute	Value
NBN current scientific name	Clubiona rosserae
NBN common name	Rosser's Sac-spider
classification level 1	Terrestrial invertebrates
classification level 2	spider
Crit 1 Global threat	N/A
Crit 1 European threat	High?
Crit 1 Supporting info	The proportion of countries in Europe from which a species had been recorded as a proxy for the threat criterion. For the purpose of this exercise, species which were found in 8 or fewer countries out of 20 considered were considered as potentially threatened. A few additional species were included here where members of the sub-committee felt there was other evidence for decline within Europe as a whole.
Crit 2 % of global pop	N/A

Crit 2 % of European popn	20%
Crit 2 % of int population Supporting info	The species has been recorded from 5 out of 20 countries in Europe. Consult spreadsheet to see which other countries this species occurs in.
Crit 2 Decline %	75
Crit 2 Decline no of years	25
Crit 2 Decline dates	1951-1986 and 1987-2000
Crit 2 declines supporting info	The method of estimating decline is explained under Criterion 3.
Crit 3 Decline %	75
Crit 3 Decline no of years	25
Crit 3 Decline dates	1951-1986 and 1987-2000
Crit 3 supporting info	Decline was measured between two time periods, 1951-1986 and 1987-2000. These two survey periods were chosen on the basis that 1951-1986 represents the first major modern survey of spiders resulting from the publication in 1951 of British Spiders by Locket & Millidge and 1987-2000 is the second major survey of spiders resulting from the instigation of the Spider Recording Scheme and the publication of the provisional national atlas. The second survey period was much more intensive than the first, despite its shorter time period. In order to take account of this, species were compared for 10km squares with a minimum of 100 records in both survey periods. There was a clear proportional relationship between these results enabling predictions to be made of the expected numbers of 10km squares for each species resulting from the increased effort of the second survey period.
Crit 4 other important factors	
Sources	BAS – SRS recording scheme Provisional Atlas of spiders (Arachnida, Araneae) 2 vols. P. Harvey, Nellist, D.R. & Telfer, M.G.
Quality	Good recent data has been, and continues to be, collected via the SRS.
Criterion(existing bap species)	1,2,3



### 10 Species designations<sup>v</sup>

Abbreviation	Reporting Category	Designation	Designation description	Year	Source	Comment
England NERC S.41	Biodiversity Lists - England	England NERC S.41	Species “of principal importance for the purpose of conserving biodiversity” covered under section 41 (England) of the NERC Act (2006) and therefore need to be taken into consideration by a public body when performing any of its functions with a view to conserving biodiversity.	2008	Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (section 41) and Wales (section 42)	Geographic constraint=Listing is for England only
BAP:2007	Biodiversity Action Plan UK list of priority species	Priority Species	The UK List of Priority Species and Habitats contains 1150 species and 65 habitats that have been listed as priorities for conservation action under the UK Biodiversity Action Plan (UK BAP).	2007	UK list of Priority Habitats and Species	status on former BAP list: Species Action Plan
RedList_GB_Pre94:EN	Red Listing based on pre 1994 IUCN guidelines	Endangered	Taxa in danger of extinction and whose survival is unlikely if the causal factors continue operating. Superseded by new IUCN categories in 1994, but still applicable to lists that have not been reviewed since 1994.	1991	Red Data Book of Invertebrates	pre 1994 IUCN criteria

## UK BAP 2008 reporting<sup>vi</sup>

(nb this only applies to species on the original 1997 UK BAP priority species list)

### 11 General status

Country	Attribute	Value
UK		
	Status unknown	Yes
	Data source / comments	One is loathe to declare extinction, as it may be that we are looking in the wrong microhabitat for it, but there are so few records that any status account is fairly meaningless.
	Edits made by reporting group	Blank status column changed to Unknown based on Yes in Status unknown column
England		
	Status unknown	Yes
	Adequate data	No and not likely by 2011
	Data on NBN	Some
	Refer to LBAP data	No
	Data source / comments	Extensive surveys between 2003-2005 at Chippenham Fen failed to find any <i>C.rosserae</i> . The species seems to be at an extremely low population level, or the search techniques are wrong (unlikely as they were deliberately varied) or that the wrong habitat is being checked, and extant records do not reflect where the core population lives. There is so little data as to leave little hope of resolving this issue.
	Edits made by reporting group	

### 7 Trends

Country	Attribute	Value
England		
	Status unknown	Yes
	Data source /	not enough field data to establish any trends.

	comments	
	Edits made by reporting group	
UK		
	Status unknown	Yes
	Trend	Unknown
	Accuracy	Unknown
	Data source / comments	no trend estimate is possible here.
	Edits made by reporting group	Changed accuracy to unknown based on trend

### 8 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
No successes reported			No	No	No	No	No success reported

### 9 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group

No threats reported	No threats reported	No	No	No	No	No threat recorded by Lead Partner
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## 15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
1	Research, survey and information	Species is difficult to find or survey	Cannot find the target species, despite many hours over several research contracts to find it.	Yes	No	No	No	Research	Research in Europe may help with the UK situation. It is possible that we are looking in the wrong place, or that it is now so extremely rare that it is almost beyond recovery.

## 10 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge insufficient and no suitable research programme in place	Survey of a site in the Netherlands points to a Molinia tussock dominated habitat, with bog myrtle, but this single record does not advance the understanding any more than the odd UK record. Without the ability to even find a consistent population of this spider, it is hard to foresee any research programme getting anywhere.	

ENDNOTES

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<sup>i</sup> An explanation of these criteria is included at Annex 3 of [UK Biodiversity Action Plan; Report on the Species and Habitat Review](#). BRIG (ed. Ant Maddock) 2007. This review was organised in two stages. Stage 1 looked at the scientific evidence for selecting the UK List of Priority Species and Habitats while stage 2 considered the conservation action needed for these species and habitats and provided signposts to the means of implementing action.

<sup>ii</sup> The information on evidence and the species distribution is as presented on the UK BAP website. Users can download a spreadsheet of the [Stage 1 species evidence](#) from the home page of the UK BAP website.

<sup>iii</sup> Actions were assigned to each and every priority species by expert groups convened at Stage 2 of the Review process. These were subsequently categorised into “signpost categories”. This information is as shown on the UK BAP website See the link for [categorisation \(signposting\) of UK priority species](#).

<sup>iv</sup> This information has been derived from Stage 1 of the priority species review, and is presented in the “marine”, “terrestrial invertebrates” and “other terrestrial species” sheets within the spreadsheet of the [Stage 1 species evidence](#). The information presented here varies according to the taxonomic group. Please note that some of these data have been written for other Expert Group members and may not be of great value to a wider audience.

<sup>v</sup> Information on conservation designations has been extracted from JNCC’s collation of information on [species designations](#). The designations shown in version 2 of these pages are as at December 2010.

<sup>vi</sup> As part of the 2008 UK BAP reporting round lead partners of national plans were asked to answer a number of specific questions. The data will be analysed and used for the UK and country level reports. All of the responses provided through BARS as part of the 2008 reporting exercise are available to [download](#). Note that in the December 2010 version of these pages (version 2) includes corrections to previously truncated text fields.